

CURRICULUM VITAE Nivedita Das Ph.D. (Zoology)

Assistant Professor P.E.S.'s Modern College, Savitribai Phule Pune University Ganeshkhind, Pune – 411 016 (India) Ganeshkhind, Pune – 411 007 (India)

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Professional Recognition, Awards and Highlights

Member Board of studies : Member of BOS F.Y B.Sc.Biotechnology(Autonomous)

Current Position and Job Profile

- Faculty at the Department of Biotechnology, P.E.S.'s Modern College, Ganeshkhind, Pune- 411 016 since 2012 and teaching subjects including Animal sciences, Cell biology Animal development ,Animal tissue culture and Animal biotechnology at Under- graduate and Post- graduate levels.

Research Interest: Amphibian Regeneration ,Aquaculture, Environment Biotechnology,Diabetes ,Cell culture

Educational Qualifications:

- B.Sc Zoology (Hons,1989),Utkal University ,Bhubaneswar,Odisha
- M.Sc,(1991) in Zoology (Dev.Biology), Utkal University Bhubaneswar,Odisha
- M.Phil (1993) in Zoology (Dev.Biology), Utkal University Bhubaneswar,Odisha.
- Ph.D (2011) in Zoology, Utkal University, Bhubaneswar,Odisha.

Membership of Professional Bodies

- Life Member, the Biotech Research Society, India (BRSI), Trivandrum, India

Professional Experience:

Assistant Professor in Biotechnology at Modern College Arts,Science and Commerce,Ganeshkhind,Pune,since 2012.

Lecturer in Biotechnology at Dr. D.Y. Patil ACS College, Pimpri, Pune, since June 2004 to 2012.

Lecturer in Biology in MIT Junior College, Pune during the period 1996-1999.

Board of studies member (BOS) Biotechnology Modern college, Ganeshkhind,Pune
since (2021-22)

Worked as F.Y.B.Sc.Biotechnology Paper setting Chairman (CBCS 2019 pattern)
of SPPU.(2019-2020-21-22).

Worked as a committee member in syllabus restructuring of F.Y.B.Sc.biotechnology
and S.Y B.Sc.biotechnology according to CBCS system (2019 pattern) of SPPU.

External paper setter for M.Sc.II Biotechnology at Fergusson College
(Autonomous)University, Pune.(2018-19-2020).

Worked as college committee Member in NACC Cretirion I since 2018.

Worked as DBTcoordinator in the department of Biotechnology since 2017.

Worked as expert at local selection committee R.J.S. P.M. Bhosari. Date 10th Oct. 2018.

Appointed as Co- ordinator for T.Y.B.Sc Biotechnology Practical Examination by
University of Pune since 2015.

Appointed as paper setter for M.Sc Biotechnology by University of Pune since 2008-09.

Appointed as External Examiner , Moderator and Paper checker (CAP) for S.Y and T.Y
B.Sc Biotechnology since 2006 by University of Pune.

Research Projects

S.No	. Project Title	Funding Agency	Amo unt sancti oned	Duration of the Project	Role
1.	Effect of vitamin A and Thyroid hormone on Regenerationof tail of anuran tadpoles	BCUD Universit y of Pune	1 lakh	2 years (2006- 2008)	PI

Publications: Journal Articles

Patnaik, Nivedita (1993). Homeotic Transformation in Anurans. Published in Proc. Cellular and Molecular aspects of Developmental Regulation: International symposium Nov 27th – Dec 1st, University of Pune.

Dutta, S.K and Nivedita Patnaik (1994). Effect of vitaminA on tail regeneration of *Tomopternarolandae* tadpoles. Published in “Homeotic transformation in anurans”pp: 36-52 ISRAG.

Dutta, S.K., Nivedita Patnaik and Kakoli Das (1994). Further evience of homeotic transformation in anurans. Proc. 8th All India Science Congress Zoology, Utkal University.pp: 94.

Mahapatra, P.K., N. Patnaik., C. Mahapatra and S. K. Dutta (2006). Activity of acid phosphatase and alkaline phosphatase in vitaminA treated abnormal tail regeneration. Published in Proc. Cellular Signaling during Development: International symposium 23rd -25thNov,Agharkar Research Institute, Pune.

N.Patnaik,C. Mahapatra,S. K. Dutta and P. K. Mahapatra (2012). Role of acid phosphatase and alkaline phosphatase during vitaminA induced abnormal tail regeneration in the tadpoles of the Indian tree frog: International Journal of Current Research,Vol. 4,Issue 11,pp, 115-120, ISSN: 0975-833X

Nivedita Das,Vinayak Kulkarni and Mayur Lokhande (2013). Production of Biofuel from Chicken Feathers: International journal on Power Engineering and Energy, Vol 4, Issue 2, pp-364-366. ISSN: 2314-7318.

Nivedita Das and Shamik Majumdar (2013). Effect of Vitamin A and thyroid Hormone on regeneration in anuran tadpole. International Conference on Advances in biotechnology and Bioinformatics BRSI ISSN : 97881-92-6619-19.

Nivedita Das,AditiKhot&ShrutiThembe (2014).Production of biodiesel from poultry waste and degradation of remaining waste. Environment Observer Vol 18pp- 83-86.ISSN : 2320-5997.

Nivedita Das and NazeenPeerzade (2015).Study of oxidative stress parameters in *Clinotarsus curtipes* tadpoles during tail regeneration . Proceeding of UGC SponsoredNational conference on Innovative Ideas and Research in Life Sciences for Sustainable DevelopmentISBN :978-81-925586-6-0.

Anirudh Nelugal and Nivedita Das (2016). Synergistic effects of insecticide and radiation on non-target organism *Clinotarsus curtepis*. Proceeding of National conference on Faunal diversity assesment and Conseravation on 22-23rd Jan 2016 by the department of Zoology Modern college ,Ganeshkhind,Pune-16. ISBN no-978-81-9285564-2-1.

AkshayWalhekar ,Nivedita Das and Aditya Eklare(2016).Effect of Xenobiotics and radiationon non target organism *Gambusia.affinis* Fish” Proceeding of National Conference on Innovative Research in Life Sciences held at Sinhgad College of Science, Ambegaon (BR) Pune- 41 under quality Improvement Program, SavitribaiPhule Pune University on 26th and 27th February 2016. ISBN no-978-93-5224-212-2 .

Nida RizwanSayed,KunalAgarwal,Malvika Deshpande and Nivedita Das (2016). Withania coagulans as a promising antibacterial agent.Proceeding of National Conference on Innovative Research in Life Sciences held at Sinhgad College of Science, Ambegaon (BR) Pune- 41 under quality Improvement Program, SavitribaiPhule Pune University on 26th and 27th February 2016. ISBN no-978-93-5224-212-2 .

Nazneen Peerzade ,Nida Rizwan Sayed and Nivedita Das (2018). Antimicrobial and phytochemical screening of methanolic fruit extract of *Withania coagulans*L. Dunal for evaluatingthe antidiabetic activity The Pharma Innovation Journal ISSN(E) : 7(1): 197-204 ISSN(E): 2277-7695 ISSN(P): 2349-8242

Nivedita Das and Nazeen Peerzade (2018).Amputation induced Reactive oxygen species regulated tissue regeneration in *Clinotarus curtipes* tadpoles. IJSRST | Volume 5 | Issue 2 | Print ISSN: 2395-6011 | Online ISSN: 2395-602X

Nivedita Das,Veena Jadhavand Shubham Chaturvedi (2021): Effect of different sources of Electromagnetic radiation on plant (*Vigna radiata*) growth, physiology & stress defense mechanism (2021) Proceedings of International conference on “Biotechnology Prespectives and Challenges”.organised by the department of Biotechnology,Modern college,Ganeshkhind,Pune-16,sponsored by BCUD,SPPU.

Co-authored Textbooks in Molecular biology-1for S.Y B.Sc.Biotechnology,SPPU ,Vision publications acc to CBCS 2019-20 patterns ISBN :978-81-946902-3-8

Co-authored textbook in Cell biology- I for S.Y B.Sc.Biotechnology of SPPU ,Nirali publications acc to CBCS 2019-20.ISBN: 976-93-905061-2-3.

Reenu V. Mourya , Dr. Nivedita Das , Dr. Sanjay Kharat (2022). Impact and assessment of Microplastic in fishes of Western Ghat: An Emerging Threat .Book of Abstract *Annual National Conference on SUSTAINABLE ECOSYSTEMS, AQUACULTURE,FISHERIES AND FISHERFOLK28 - 29 January 2022 Organized by Department of Aquatic Biology and Fisheries University of Kerala Supported by University of Kerala.*

Reviewer: Journal of Applied pharmaceutical Science since 2020

Seminar/Conference/Workshop Organized:

Organised “**International Conference on Biotechnology: Perspective & Challenges**”(Under Quality improvement program of SPPU), Date: 14th-15th Feb 2020.

Organised National level Hands on Training Workshop on Techniques in “**Fish Disease Detection and Diagonosis**” under DBT-BUILDER and PMMSY,16th & 17th March 2023

Co-curricular and extension activities:

Teacher Incharge:.T.Y B.Sc.Biotechnology and Mentor.

Member of largest International women’s volunteering organization Inner wheel club of Pune Imperial.

Initiated Inner wheelclub the largest women social volunteering organization for girls student of Modern college Ganeshkhind,Pune.IWC Gen-Z.

Community outreach projects viz; Tree plantation drive ,Visiting children in labour camp organized visits to the NGO Swadhar for HIV positive children,education to tribal children of Odhisa.

Organizing online on Gender sensitization,Awareness programmes on Health and hygiene for girls students

Initiated scholarship under the agies of IWC for under resourced girl studentfor pursuing higher education in the field of LifeSciences.

Signature

